

# Yuwei Xie

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,341  
citations

394286

19  
h-index

360920

35  
g-index

43  
all docs

43  
docs citations

43  
times ranked

2043  
citing authors

#	ARTICLE	IF	CITATIONS
1	16S rRNA metabarcoding unearths responses of rare gut microbiome of fathead minnows exposed to benzo[a]pyrene. <i>Science of the Total Environment</i> , 2022, 807, 151060.	3.9	3
2	RNA metabarcoding helps reveal zooplankton community response to environmental stressors. <i>Environmental Pollution</i> , 2022, 292, 118446.	3.7	2
3	Effects of aqueous fluoxetine exposure on gut microbiome of adult <i>Pimephales promelas</i> . <i>Science of the Total Environment</i> , 2022, 813, 152422.	3.9	5
4	RNA in Municipal Wastewater Reveals Magnitudes of COVID-19 Outbreaks across Four Waves Driven by SARS-CoV-2 Variants of Concern. <i>ACS ES&amp;T Water</i> , 2022, 2, 1852-1862.	2.3	22
5	Effects of in situ experimental selenium exposure on finescale dace ( <i>Phoxinus neogaeus</i> ) gut microbiome. <i>Environmental Research</i> , 2022, 212, 113151.	3.7	5
6	Rapid transition between SARS-CoV-2 variants of concern Delta and Omicron detected by monitoring municipal wastewater from three Canadian cities. <i>Science of the Total Environment</i> , 2022, 841, 156741.	3.9	25
7	Next generation per- and poly-fluoroalkyl substances: Status and trends, aquatic toxicity, and risk assessment. , 2022, 1, 117-131.		45
8	Environmental DNA of preservative ethanol performed better than water samples in detecting macroinvertebrate diversity using metabarcoding. <i>Diversity and Distributions</i> , 2021, 27, 1989-2002.	1.9	11
9	Remodeling of Arctic char ( <i>Salvelinus alpinus</i> ) lipidome under a stimulated scenario of Arctic warming. <i>Global Change Biology</i> , 2021, 27, 3282-3298.	4.2	3
10	Responses of juvenile fathead minnow ( <i>Pimephales promelas</i> ) gut microbiome to a chronic dietary exposure of benzo[a]pyrene. <i>Environmental Pollution</i> , 2021, 278, 116821.	3.7	12
11	Using zooplankton metabarcoding to assess the efficacy of different techniques to clean-up an oil-spill in a boreal lake. <i>Aquatic Toxicology</i> , 2021, 236, 105847.	1.9	2
12	Life Cycle Exposure to Environmentally Relevant Concentrations of Diphenyl Phosphate (DPhP) Inhibits Growth and Energy Metabolism of Zebrafish in a Sex-Specific Manner. <i>Environmental Science &amp; Technology</i> , 2021, 55, 13122-13131.	4.6	6
13	Comparison of approaches to quantify SARS-CoV-2 in wastewater using RT-qPCR: Results and implications from a collaborative inter-laboratory study in Canada. <i>Journal of Environmental Sciences</i> , 2021, 107, 218-229.	3.2	91
14	High-throughput transcriptomics: An insight on the pathways affected in HepG2 cells exposed to nickel oxide nanoparticles. <i>Chemosphere</i> , 2020, 244, 125488.	4.2	17
15	Effects of the husky oil spill on gut microbiota of native fishes in the North Saskatchewan River, Canada. <i>Aquatic Toxicology</i> , 2020, 229, 105658.	1.9	16
16	Integrated assessment of west coast of South Korea by use of benthic bacterial community structure as determined by eDNA, concentrations of contaminants, and in vitro bioassays. <i>Environment International</i> , 2020, 137, 105569.	4.8	5
17	Differential responses of gut microbiota of male and female fathead minnow ( <i>Pimephales promelas</i> ) to a short-term environmentally-relevant, aqueous exposure to benzo[a]pyrene. <i>Chemosphere</i> , 2020, 252, 126461.	4.2	37
18	Sedimentary DNA reveals over 150 years of ecosystem change by human activities in Lake Chao, China. <i>Environment International</i> , 2019, 133, 105214.	4.8	25

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19	Selenium oxyanion bioconcentration in natural freshwater periphyton. <i>Ecotoxicology and Environmental Safety</i> , 2019, 180, 693-704.	2.9	14
20	Acid mine drainage affects the diversity and metal resistance gene profile of sediment bacterial community along a river. <i>Chemosphere</i> , 2019, 217, 790-799.	4.2	83
21	In situ microbiota distinguished primary anthropogenic stressor in freshwater sediments. <i>Environmental Pollution</i> , 2018, 239, 189-197.	3.7	19
22	eDNA-based bioassessment of coastal sediments impacted by an oil spill. <i>Environmental Pollution</i> , 2018, 238, 739-748.	3.7	47
23	Sensitive community responses of microbiota to copper in sediment toxicity test. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 599-608.	2.2	23
24	Elevated CO <sub>2</sub> accelerates polycyclic aromatic hydrocarbon accumulation in a paddy soil grown with rice. <i>PLoS ONE</i> , 2018, 13, e0196439.	1.1	4
25	Application of Environmental DNA Metabarcoding for Predicting Anthropogenic Pollution in Rivers. <i>Environmental Science &amp; Technology</i> , 2018, 52, 11708-11719.	4.6	44
26	Ecogenomics of Zooplankton Community Reveals Ecological Threshold of Ammonia Nitrogen. <i>Environmental Science &amp; Technology</i> , 2017, 51, 3057-3064.	4.6	83
27	Environmental DNA metabarcoding reveals primary chemical contaminants in freshwater sediments from different land-use types. <i>Chemosphere</i> , 2017, 172, 201-209.	4.2	41
28	Ecogenomic responses of benthic communities under multiple stressors along the marine and adjacent riverine areas of northern Bohai Sea, China. <i>Chemosphere</i> , 2017, 172, 166-174.	4.2	31
29	Zooplankton Community Profiling in a Eutrophic Freshwater Ecosystem-Lake Tai Basin by DNA Metabarcoding. <i>Scientific Reports</i> , 2017, 7, 1773.	1.6	52
30	Responses of earthworms and microbial communities in their guts to Triclosan. <i>Chemosphere</i> , 2017, 168, 1194-1202.	4.2	63
31	Elevated CO <sub>2</sub> levels modify TiO <sub>2</sub> nanoparticle effects on rice and soil microbial communities. <i>Science of the Total Environment</i> , 2017, 578, 408-416.	3.9	58
32	Indigenous species barcode database improves the identification of zooplankton. <i>PLoS ONE</i> , 2017, 12, e0185697.	1.1	21
33	Effects of tris (2-butoxyethyl) phosphate (TBOEP) on endocrine axes during development of early life stages of zebrafish ( <i>Danio rerio</i> ). <i>Chemosphere</i> , 2016, 144, 1920-1927.	4.2	50
34	Functional Toxicogenomic Assessment of Triclosan in Human HepG2 Cells Using Genome-Wide CRISPR-Cas9 Screening. <i>Environmental Science &amp; Technology</i> , 2016, 50, 10682-10692.	4.6	45
35	Effects of Perfluorooctanoic Acid on Metabolic Profiles in Brain and Liver of Mouse Revealed by a High-throughput Targeted Metabolomics Approach. <i>Scientific Reports</i> , 2016, 6, 23963.	1.6	88
36	Effects of captivity and artificial breeding on microbiota in feces of the red-crowned crane ( <i>Grus</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6	1.6	63

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37	Occurrence, compositional distribution, and toxicity assessment of pyrethroid insecticides in sediments from the fluvial systems of Chaohu Lake, Eastern China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10406-10414.	2.7	22
38	Using in situ bacterial communities to monitor contaminants in river sediments. <i>Environmental Pollution</i> , 2016, 212, 348-357.	3.7	89
39	Residues of organophosphorus insecticides in sediment around a highly eutrophic lake, Eastern China. <i>Journal of Soils and Sediments</i> , 2015, 15, 436-444.	1.5	11
40	Comparison of waterborne and in ovo nanoinjection exposures to assess effects of PFOS on zebrafish embryos. <i>Environmental Science and Pollution Research</i> , 2015, 22, 2303-2310.	2.7	9
41	Differential modulation of expression of nuclear receptor mediated genes by tris(2-butoxyethyl) phosphate (TBOEP) on early life stages of zebrafish ( <i>Danio rerio</i> ). <i>Aquatic Toxicology</i> , 2015, 169, 196-203.	1.9	21
42	Molecular docking, molecular dynamics simulation, and structure-based 3D-QSAR studies on the aryl hydrocarbon receptor agonistic activity of hydroxylated polychlorinated biphenyls. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 626-635.	2.0	21
43	Development of a Class-specific Immunochromatographic Strip Test for the Rapid Detection of Organophosphorus Pesticides With a Thiophosphate Group. <i>Hybridoma</i> , 2010, 29, 291-299.	0.5	7